Tropical - Historical Past Track v3
Document Version 1.1

Domain Portfolio: Tropical | Domain: Forecast | Usage Classification: Standard

Geography: Global **Attribution Required:** N/A **Attribution Requirements:** N/A

Overview

The Tropical Historical - Past Track API provides the ability to query the past current positions per storm.
Note: Storm ID may not be unique and this query may return multiple records. Storms will only pull from a designated source when calling by Storm ID.

- **See the common usage and style guide which describes the common elements, error handling, language support, units and terminology used by the Weather Company Data APIs.**
  - **https://ibm.co/APICom**

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

Translated Fields:

This TWC API handles the translation of phrases. However, when formatting a request URL a valid language must be passed along (see the language code table for the supported codes).

- latitudeHemisphere
- longitudeHemisphere
- maximumStormSubType
- maximumStormType
- stormDirectionCardinal
- stormType

Atomic Endpoints	Aggregate Product Names
v3/tropical/track/highlights/1year	v3historicalHighlights1year
v3/tropical/track/highlights/3year	v3historicalHighlights3year
v3/tropical/track/highlights/5year	v3historicalHighlights5year
v3/tropical/track/highlights/10year	v3historicalHighlights10year
v3/tropical/track/details	v3historicalTrack

URL Construction

Atomic API URL Examples:
Highlights Request by Basin and Year: Required Parameters: basin, year, format, units, language, nautical, apiKey https://api.weather.com/v3/tropical/track/highlights/{1,3,5,10}year?**basin=<basin>**&**year=<year>**&format=<format>&units=<units>&language=<language>&nautical=<nautical>&**apiKey=<apiKey>**
https://api.weather.com/v3/tropical/track/highlights/3year?**basin=all**&**year=2010**&format=json&units=e&language=en-US&nautical=true&**apiKey=yourApiKey**
Details Request by Basin, Provision and Year: Required Parameters: basin, provision, year, format, units, language, nautical, apiKey

https://api.weather.com/v3/tropical/track/details?**basin=<basin>**&**provision=<provision>**&**year=<year>**&format=<format>&units=<units>&language=<languge>&nautical=<nautical>&**apiKey=<apiKey>**
https://api.weather.com/v3/tropical/track/details?**basin=all**&**provision=default**&**year=2010**&format=json&units=e&language=en-US&nautical=true&**apiKey=yourApiKey**
Details Request by Storm ID and Provision: Required Parameters: stormId, provision, format, units, language, nautical, apiKey https://api.weather.com/v3/tropical/track/details?**stormId=<stormId>**&**provision=<provision>**&format=<format>&units=<units>&language=<languge>&nautical=<nautical>&**apiKey=<apiKey>**
https://api.weather.com/v3/tropical/track/details?**stormId=EP022015**&**provision=default**&format=json&units=e&language=en-US&nautical=true&**apiKey=yourApiKey**

Valid Parameter Definitions

Parameter Name	Valid Parameter Value	Description
basin	AL, CP, EP, IO, SH, WP, all	Atlantic Ocean, Central Pacific, Eastern Pacific Ocean, Indian Ocean, Southern Hemisphere, Western Pacific, all supported basins
nautical	true or false	nautical = true or false
provision	default, curated, bulletin, all	default = Only the designatedTrack object is populated. The curatedPositions and bulletinPositions objects are null. Data is from the NCDC if it has been loaded otherwise data is from the NHC or JTWC. Used to populate the stormSummary object curated = Only the designatedTrack and the curatedPositions objects are populated. The bulletinPositions object is null. The curatedPositions object will be null if the NCDC data has not been loaded for that year bulletin = Only the designatedTrack and the bulletinPositions object are populated. The curatedPositions object is null. The bulletinPostions object will be null if we do not have NHC or JTWC for that storm (prior to 2011) all = All objects are populated if there is data availabl

Nautical Parameter

If nautical=true, then any measurement that could be represented as knots is, regardless of the units parameter. Anything that is not subject to nautical form is left in the requested units (which is why you see pressures switch back and forth with units even when nautical=true)

units=e&nautical=true will give pressures in inches-of-mercury and speeds in knots units=m&nautical=true will give pressures in millibars and speeds in knots units=e&nautical=false will give pressures in inches-of-mercury and speeds in mph units=m&nautical=false will give pressures in millibars and speeds in kph

Wind Averaging Period

Governmental organizations providing tropical data use different periods of time when averaging wind values. The United States uses 1 minute values, New Delhi uses 3 minute values and all others use a 10 minute value. This applies to the following fields found in the payload

V3 Past Track : windRadiiNE(1-3), windRadiiSE(1-3), windRadiiSW(1-3) and windRadiiNW(1-3)

Data Elements & Definitions - Tropical - Historical - Past Track - Highlights

Field Name	Description	Type	Range	Sample	Nulls Allowed
highlights		[array]			N
originatingBasin	Basin storm originated in	[string]		CP	N
traversedBasins	Basins the storm visited	[string]		CP	n
seasonYear	Season year	[integer]		2018	N
stormId	Storm Id	[string]		CPO12018	N
stormName	Storm Name	[string]		Andy	N
relatedStormIds	Related storm ids	[string]		N0923542	N
stormNumbers	Storm numbers	[string]		1	Y
maximumStormTypeCode	Maximum Storm Type Code for the storm	[string]		HU	N
maximumStormType	Maximum Storm Type for the storm	[string]		Hurricane	Y
maximumStormSubTypeCode	Maximum Storm Sub Type Code for the storm	[string]		2	N
maximumStormSubType	Maximum Storm Sub Type for the storm	[string]		Category 1 Hurricane	Y
highestMaximumSustainedWind	Highest sustained winds recorded for the storm	[integer]		123	Y
lowestMinimumPressure	Lowest pressure recorded for the storm	[decimal]		970.00	Y

Data Elements & Definitions - Tropical - Historical - Past Track - Details

Field Name	Description	Type	Range	Sample	Nulls Allowed
storms		[array]			N
summaryStormId	IBTrac Storm ID or Bulletin Storm ID	string		2000332N08133	N

summaryStormName	Name assigned by issuing agency. Named storms are in proper case	string		Halola	Y
summaryAlternateStormName	‘Storm-name’ populated in Japanese when data is from JMA. Otherwise will be’null’	string		null	Y
startDateTime	Time of first advisory for the storm	string		2015-01-13T01:00:00-05:00 or Z	N
startDateTimeTimeZoneCode	Time zone code	string		Etc/UTC	N
startDateTimeTimeZoneAbbreviation	Time zone abbreviation	string		UTC	N
originatingBasin	Basin where first advisory for the storm occurred	string		EP	N
lastReportedBasin	Basin where last advisory for the storm occurred	string		EP	N
highestMaximumSustainedWind	Highest recorded maximum sustained winds	integer		129	Y
lowestMinimumPressure	Lowest recorded pressure	decimal		988.00	Y
maximumStormTypeCode	Encoded maximum storm type	string		HU	N
maximumStormType	Maximum storm type	string		Hurricane	N
maximumStormSubTypeCode	Encoded maximum storm sub type	string		1	Y
maximumStormSubType	Maximum storm sub type	string		Category 1 Hurricane	Y
designatedTrack		[array]			Y
stormId	Storm ID provided by source	[string]		2000332N08133	N
stormNumber	Storm number	[string]		1	Y
basin	Basin	[string]		EP	N
source	Issuing Agency	[string]		wmo	N
stormName	Name assigned by issuing agency	[string]		Halola	Y
stormTypeCode	Encoded storm type	[string]	TD=Tropical Depression MD=Monsoon Depression TS=Tropical Storm STS=Severe Tropical Storm TC=Tropical Cyclone L=Extra-Tropical Cyclone MH=Major Hurricane HU=Hurricane HR=Hurricane TY=Typhoon STY=Severe Typhoon ST=Super Typhoon SS=Subtropical Storm PT=Posttropical Cyclone RO=Remnants Of SD=Subtropical Depression DS=Dissipating EX=Extratropical ET=Extrapolated NR=Not Reported	MH	N

			MX=Conflicting Reports From Centers LO=Low WV=Tropical Wave DB=Disturbance XX=Unknown MM=Missing IN=Inland OVERLAND=Overland STC=Subtropical Cyclone D=Depression DD=Deep Depression CS=Cyclonic Storm SCS=Severe Cyclonic Storm SCS(H)=Very Severe Cyclonic Storm VSCS=Very Severe Cyclonic Storm ESCS=Extremely Severe Cyclonic Storm SUCS=Super Cyclone		
stormType	Storm Type	[string]	Tropical Depression Monsoon Depression Tropical Storm Severe Tropical Storm Tropical Cyclone Extra-Tropical Cyclone Major Hurricane Hurricane Hurricane Typhoon Severe Typhoon Super Typhoon Subtropical Storm Posttropical Cyclone Remnants Of Subtropical Depression Dissipating Extratropical Extrapolated Not Reported Conflicting Reports From Centers Low Tropical Wave Disturbance Unknown Missing Inland Just entering into the responsible area of Japan Meteorological Agency Overland	Major Hurricane	N

			Subtropical Cyclone Depression Deep Depression Cyclonic Storm Severe Cyclonic Storm Very Severe Cyclonic Storm Very Severe Cyclonic Storm Extremely Severe Cyclonic Storm Super Cyclone		
stormSubTypeCode	Encoded storm sub type	[string]		1	Y
stormSubType	Storm sub type	[string]		Category 1 Hurricane	Y
advisoryDateTime	Advisory time	[string]		2015-01-13T10:00:15-08:00 or Z	N
advisoryDateTimeTimeZoneCode	IANA code	[string]		Etc/UTC	N
advisoryDateTimeTimeZoneAbbreviation	Time zone abbreviation	[string]		UTC	N
latitude	Latitude of the storm	[decimal]		42.50	N
latitudeHemisphere	Latitude hemisphere	[string]		N	N
longitude	Longitude of the storm	[decimal]		-59.80	N
longitudeHemisphere	Longitude hemisphere	[string]		W	N
maximumSustainedWind	Maximum sustained winds	[integer]		45	Y
radiusMaximumWinds	the farthest distance from the eye of the storm where the strongest band of winds will be observed	[integer}		45	Y
minimumPressure	Minimum central pressure	[decimal]		29.50	Y
windGust	Wind gusts	[integer]		70	Y
issueOffice	Office issuing bulletin	[string]		KNHC	Y
advisoryNum	Advisory number	[string]		12a	Y
bulletinId	Bulletin identifier	[string]		ljwv8e4rtiejtv8e94jvpkev4t3e4tv3tc	Y
headline	Bulletin headline	[string]		Hurricane Dora makes landfall	Y
stormDirection	Current direction of the storm in degrees	[string]		340	Y
stormDirectionCardinal	Cardinal wind direction	[string]		NNW	Y
stormSpeed	Forward speed of the storm	[integer]		12	Y
windRadiiSpeed1	Wind speed for the associated quadrant	[integer]		34	Y
windRadiiNE1	Distance from the center of the storm in the NE quadrant where windRadiiSpeed1 begins	[integer]		22	Y
windRadiiSE1	Distance from the center of the storm in the SE quadrant where windRadiiSpeed1 begins	[integer]		29	Y
windRadiiSW1	Distance from the center of the storm in the SW quadrant where windRadiiSpeed1 begins	[integer]		33	Y
windRadiiNW1	Distance from the center of the storm in the NW quadrant where windRadiiSpeed1 begins	[integer]		19	Y

windRadiiSpeed2	Wind speed for the associated quadrant	[integer]		50	Y
windRadiiNE2	Distance from the center of the storm in the NE quadrant where windRadiiSpeed2 begins	[integer]		29	Y
windRadiiSE2	Distance from the center of the storm in the SE quadrant where windRadiiSpeed2 begins	[integer]		33	Y
windRadiiSW2	Distance from the center of the storm in the SW quadrant where windRadiiSpeed2 begins	[integer]		45	Y
windRadiiNW2	Distance from the center of the storm in the NW quadrant where windRadiiSpeed2 begins	[integer]		25	Y
windRadiiSpeed3	Wind speed for the associated quadrant	[integer]		64	Y
windRadiiNE3	Distance from the center of the storm in the NE quadrant where windRadiiSpeed3 begins	[integer]		35	Y
windRadiiSE3	Distance from the center of the storm in the SE quadrant where windRadiiSpeed3 begins	[integer]		44	Y
windRadiiSW3	Distance from the center of the storm in the SW quadrant where windRadiiSpeed3 begins	[integer]		55	Y
windRadiiNW3	Distance from the center of the storm in the NW quadrant where windRadiiSpeed3 begins	[integer]		36	Y
windRadiiSpeed4	Wind speed for the associated quadrant	[integer]		null	Y
windRadiiNE4	Distance from the center of the storm in the NE quadrant where windRadiiSpeed4 begins	[integer]		null	Y
windRadiiSE4	Distance from the center of the storm in the SE quadrant where windRadiiSpeed4 begins	[integer]		null	Y
windRadiiSW4	Distance from the center of the storm in the SW quadrant where windRadiiSpeed4 begins	[integer]		null	Y
windRadiiNW4	Distance from the center of the storm in the NW quadrant where windRadiiSpeed4 begins	[integer]		null	Y
seaRadiiWaveHeight	Wave height for the associated quadrant	[integer]		12	Y
seaRadiiNE	Distance from the center of the storm in the NE quadrant	[integer]		75	Y
seaRadiiSE	Distance from the center of the storm in the SE quadrant	[integer]		76	Y
seaRadiiSW	Distance from the center of the storm in the SW quadrant	[integer]		80	Y
seaRadiiNW	Distance from the center of the storm in the NW quadrant	[integer]		64	Y
curatedPositions		[array]			Y
stormId	Storm ID provided by source	[string]		2000332N08133	N
stormNumber	Storm number	[string]		1	Y
basin	Basin	[string]		EP	N
source	Issuing Agency	[string]		wmo	N
stormName	Name assigned by issuing agency	[string]		Halola	Y
stormTypeCode	Encoded storm type	[string]		HU	N
stormType	Storm Type	[string]		Hurricane	N
stormSubTypeCode	Encoded storm sub type	[string]		1	Y
stormSubType	Storm sub type	[string]		Category 1 Hurricane	Y
advisoryDateTime	Advisory time	[string]		2015-01-13T10:00:15-08:00 or Z	N
advisoryDateTimeTimeZoneCode	IANA code	[string]		Etc/UTC	N
advisoryDateTimeTimeZoneAbbreviation	Time zone abbreviation	[string]		UTC	N

latitude	Latitude of the storm	[decimal]		42.50	N
latitudeHemisphere	Latitude hemisphere	[string]		N	N
longitude	Longitude of the storm	[decimal]		-59.80	N
longitudeHemisphere	Longitude hemisphere	[string]		W	N
maximumSustainedWind	Maximum sustained winds	[integer]		45	Y
radiusMaximumWinds	the farthest distance from the eye of the storm where the strongest band of winds will be observed	[integer}		45	Y
minimumPressure	Minimum central pressure	[decimal]		29.50	Y
windGust	Wind gusts	[integer]		70	Y
issueOffice	Office issuing bulletin	[string]		KNHC	Y
advisoryNum	Advisory number	[string]		12a	Y
bulletinId	Bulletin identifier	[string]		ljwv8e4rtiejtv8e94jvpkev4t3e4tv3tc	Y
headline	Bulletin headline	[string]		Hurricane Dora makes landfall	Y
stormDirection	Current direction of the storm in degrees	[string]		340	Y
stormDirectionCardinal	Cardinal wind direction	[string]		NNW	Y
stormSpeed	Forward speed of the storm	[integer]		12	Y
windRadiiSpeed1	Wind speed for the associated quadrant	[integer]		34	Y
windRadiiNE1	Distance from the center of the storm in the NE quadrant where windRadiiSpeed1 begins	[integer]		22	Y
windRadiiSE1	Distance from the center of the storm in the SE quadrant where windRadiiSpeed1 begins	[integer]		29	Y
windRadiiSW1	Distance from the center of the storm in the SW quadrant where windRadiiSpeed1 begins	[integer]		33	Y
windRadiiNW1	Distance from the center of the storm in the NW quadrant where windRadiiSpeed1 begins	[integer]		19	Y
windRadiiSpeed2	Wind speed for the associated quadrant	[integer]		50	Y
windRadiiNE2	Distance from the center of the storm in the NE quadrant where windRadiiSpeed2 begins	[integer]		29	Y
windRadiiSE2	Distance from the center of the storm in the SE quadrant where windRadiiSpeed2 begins	[integer]		33	Y
windRadiiSW2	Distance from the center of the storm in the SW quadrant where windRadiiSpeed2 begins	[integer]		45	Y
windRadiiNW2	Distance from the center of the storm in the NW quadrant where windRadiiSpeed2 begins	[integer]		25	Y
windRadiiSpeed3	Wind speed for the associated quadrant	[integer]		64	Y
windRadiiNE3	Distance from the center of the storm in the NE quadrant where windRadiiSpeed3 begins	[integer]		35	Y
windRadiiSE3	Distance from the center of the storm in the SE quadrant where windRadiiSpeed3 begins	[integer]		44	Y
windRadiiSW3	Distance from the center of the storm in the SW quadrant where windRadiiSpeed3 begins	[integer]		55	Y
windRadiiNW3	Distance from the center of the storm in the NW quadrant where windRadiiSpeed3 begins	[integer]		36	Y
windRadiiSpeed4	Wind speed for the associated quadrant	[integer]		null	Y
windRadiiNE4	Distance from the center of the storm in the NE quadrant where windRadiiSpeed4 begins	[integer]		null	Y

windRadiiSE4	Distance from the center of the storm in the SE quadrant where windRadiiSpeed4 begins	[integer]		null	Y
windRadiiSW4	Distance from the center of the storm in the SW quadrant where windRadiiSpeed4 begins	[integer]		null	Y
windRadiiNW4	Distance from the center of the storm in the NW quadrant where windRadiiSpeed4 begins	[integer]		null	Y
seaRadiiWaveHeight	Wave height for the associated quadrant	[integer]		12	Y
seaRadiiNE	Distance from the center of the storm in the NE quadrant	[integer]		75	Y
seaRadiiSE	Distance from the center of the storm in the SE quadrant	[integer]		76	Y
seaRadiiSW	Distance from the center of the storm in the SW quadrant	[integer]		80	Y
seaRadiiNW	Distance from the center of the storm in the NW quadrant	[integer]		64	Y
bulletinPositions		[array]			Y
stormId	Storm ID provided by source	[string]		2000332N08133	N
stormNumber	Storm number	[string]		1	Y
basin	Basin	[string]		EP	N
source	Issuing Agency	[string]		wmo	N
stormName	Name assigned by issuing agency	[string]		Halola	Y
stormTypeCode	Encoded storm type	[string]	STS=Severe Tropical Storm L=Extratropical Cyclone STY=Severe Typhoon NR=Not Reported MX=Conflicting Reports From Centers MM=Missing OVERLAND= Overland STC=Subtropical Cyclone MD=Monsoon Depression D=Depression DD=Deep Depression CS=Cyclonic Storm SCS=Severe Cyclonic Storm VSCS=Very Severe Cyclonic Storm SCS(H)=Very Severe Cyclonic Storm ESCS=Extremely Severe Cyclonic Storm SUCS=Super Cyclone MH=Major Hurricane	MH	N
stormType	Storm Type	[string]	Severe Tropical Storm Extratropical Cyclone Extra-Tropical Low Severe Typhoon Not Reported Conflicting Reports From Centers Missing Just entering into the responsible area of Japan Meteorological Agency	Major Hurricane	N

			Overland Subtropical Cyclone Monsoon Depression Depression Deep Depression Cyclonic Storm Severe Cyclonic Storm Very Severe Cyclonic Storm Very Severe Cyclonic Storm Extremely Severe Cyclonic Storm Super Cyclone Major Hurricane		
stormSubTypeCode	Encoded storm sub type	[string]		1	Y
stormSubType	Storm sub type	[string]	Note: In EP, CP, and AL, only stormType=HU (Hurricane) has a subType In WP, no stormType has a subType In IO and SH, stormType=TC (Tropical Cyclone) has a subType. If stormType=TC in another basin, it will not have a subType.	Category 1 Hurricane	Y
advisoryDateTime	Advisory time	[string]		2015-01-13T10:00:15-08:00 or Z	N
advisoryDateTimeTimeZoneCode	IANA code	[string]		Etc/UTC	N
advisoryDateTimeTimeZoneAbbreviation	Time zone abbreviation	[string]		UTC	N
latitude	Latitude of the storm	[decimal]		42.50	N
latitudeHemisphere	Latitude hemisphere	[string]		N	N
longitude	Longitude of the storm	[decimal]		-59.80	N
longitudeHemisphere	Longitude hemisphere	[string]		W	N
maximumSustainedWind	Maximum sustained winds	[integer]		45	Y
radiusMaximumWinds	the farthest distance from the eye of the storm where the strongest band of winds will be observed	[integer}		45	Y
minimumPressure	Minimum central pressure	[decimal]		29.50	Y
windGust	Wind gusts	[integer]		70	Y
issueOffice	Office issuing bulletin	[string]		KNHC	Y
advisoryNum	Advisory number	[string]		12a	Y
bulletinId	Bulletin identifier	[string]		ljwv8e4rtiejtv8e94jvpkev4t3e4tv3tc	Y
headline	Bulletin headline	[string]		Hurricane Dora makes landfall	Y
stormDirection	Current direction of the storm in degrees	[string]		340	Y

stormDirectionCardinal	Cardinal wind direction	[string]		NNW	Y
stormSpeed	Forward speed of the storm	[integer]		12	Y
locationName1	Location name	[string]		CAPE HATTERAS NORTH CAROLINA	Y
locationDistance1	Distance from the center of the storm	[integer]		240	Y
locationDirectionCardinal1	Direction of locationName1 from the center of the storm	[string]		N	Y
locationCityName1	Nearest city	[string]		Cape Hatteras	Y
locationAdminDistrictCode1	Nearest state	[string]		NC	Y
locationName2	Location name	[string]		NAGS HEAD NORTH CAROLINA	Y
locationDistance2	Distance from the center of the storm	[integer]		265	Y
locationDirectionCardinal2	Direction of locationName2 from the center of the storm	[string]		N	Y
locationCityName2	Nearest city	[string]		Nags Head	Y
locationAdminDistrictCode2	Nearest state	[string]		NC	Y
windRadiiSpeed1	Wind speed for the associated quadrant	[integer]		34	Y
windRadiiNE1	Distance from the center of the storm in the NE quadrant where windRadiiSpeed1 begins	[integer]		22	Y
windRadiiSE1	Distance from the center of the storm in the SE quadrant where windRadiiSpeed1 begins	[integer]		29	Y
windRadiiSW1	Distance from the center of the storm in the SW quadrant where windRadiiSpeed1 begins	[integer]		33	Y
windRadiiNW1	Distance from the center of the storm in the NW quadrant where windRadiiSpeed1 begins	[integer]		19	Y
windRadiiSpeed2	Wind speed for the associated quadrant	[integer]		50	Y
windRadiiNE2	Distance from the center of the storm in the NE quadrant where windRadiiSpeed2 begins	[integer]		29	Y
windRadiiSE2	Distance from the center of the storm in the SE quadrant where windRadiiSpeed2 begins	[integer]		33	Y
windRadiiSW2	Distance from the center of the storm in the SW quadrant where windRadiiSpeed2 begins	[integer]		45	Y
windRadiiNW2	Distance from the center of the storm in the NW quadrant where windRadiiSpeed2 begins	[integer]		25	Y
windRadiiSpeed3	Wind speed for the associated quadrant	[integer]		64	Y
windRadiiNE3	Distance from the center of the storm in the NE quadrant where windRadiiSpeed3 begins	[integer]		35	Y
windRadiiSE3	Distance from the center of the storm in the SE quadrant where windRadiiSpeed3 begins	[integer]		44	Y
windRadiiSW3	Distance from the center of the storm in the SW quadrant where windRadiiSpeed3 begins	[integer]		55	Y
windRadiiNW3	Distance from the center of the storm in the NW quadrant where windRadiiSpeed3 begins	[integer]		36	Y
windRadiiSpeed4	Wind speed for the associated quadrant	[integer]		null	Y
windRadiiNE4	Distance from the center of the storm in the NE quadrant where windRadiiSpeed4 begins	[integer]		null	Y
windRadiiSE4	Distance from the center of the storm in the SE quadrant where windRadiiSpeed4 begins	[integer]		null	Y
windRadiiSW4	Distance from the center of the storm in the SW quadrant where windRadiiSpeed4 begins	[integer]		null	Y
windRadiiNW4	Distance from the center of the storm in the NW quadrant where windRadiiSpeed4 begins	[integer]		null	Y
seaRadiiWaveHeight	Wave height for the associated quadrant	[integer]		12	Y

seaRadiiNE	Distance from the center of the storm in the NE quadrant	[integer]		75	Y
seaRadiiSE	Distance from the center of the storm in the SE quadrant	[integer]		76	Y
seaRadiiSW	Distance from the center of the storm in the SW quadrant	[integer]		80	Y
seaRadiiNW	Distance from the center of the storm in the NW quadrant	[integer]		64	Y

JSON Sample- Tropical - Historical - Past Track - Highlights


```
{
highlights:
        {
                originatingBasin:
                [
                        "AL",
                        "AL",
                        "AL",
```

```
        ],
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                    "2005235N19266",
                    "2005236N23285",
                    "2005241N14315",
                    "2005245N19315",
                    "2005249N26281",
                    "2005249N28293",
                    "2005261N13306",
                    "2005261N21290",
                    "2005274N12327",
                    "2005275N19274",
                    "2005277N34328",
                    "2005278N27280",
                    "2005281N26303",
                    "2005281N33339",
                    "2005289N18282",
                    "2005296N16293",
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                    "2005318N13298",
                    "2005324N27312",
                    "2005333N32311",
                    "2005364N24324",
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                    "ARLENE",
                    "BRET",
                    "CINDY",
                    "DENNIS",
                    "EMILY",
                    "FRANKLIN",
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                100,
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JSON Sample- Tropical - Historical - Past Track - Details

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                        startDateTimeTimeZoneAbbreviation: "UTC",
                        originatingBasin: "EP",
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                        highestMaximumSustainedWind: 30,
                        lowestMinimumPressure: 29.71,
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maximumStormSubType: null,
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                        "HEAVY RAIN AND FLASH FLOODING POSSIBLE WITH THE DEPRESSION OVER PORTIONS OF EASTERN MEXICO"
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                        "POORLY ORGANIZED DEPRESSION PRODUCING HEAVY RAIN OVER PORTIONS OF SOUTHEASTERN MEXICO"
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                        "DEPRESSION MOVING NORTHEASTWARD TOWARD THE GULF OF TEHUANTEPEC",
                        "HEAVY RAINS CONTINUE OVER THE COAST OF SOUTHERN MEXICO",
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                        "DEPRESSION MOVING EAST-NORTHEASTWARD TOWARD THE GULF OF TEHUANTEPEC",
                        "HEAVY RAINS CONTINUE OVER THE COAST OF SOUTHERN MEXICO",
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                        "HEAVY RAINS CONTINUE OVER THE COAST OF SOUTHERN MEXICO AND WESTERN GUATEMALA",
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